

C13

	Page 1	Page 2
daemon	2	(EMODispatch.c)
daemonBecomeDaemon	10	(EMODispatch.c)
daemonCatchInterrupts	5	(EMODispatch.c)
daemonCheckProperID	7	(EMODispatch.c)
daemonCleanups	18	(EMODispatch.c)
daemonInitializeLogging	19	(EMODispatch.c)
displayUsage	15	(EMODispatch.c)
killHandler	3	(EMODispatch.c)
parseCommandLine	8	(EMODispatch.c)
rpcInit	12	(EMODispatch.c)
rpcRun	15	(EMODispatch.c)


```

1  /* Copyright 1995,1997 EMC Corporation
2  */
3  /* $XOPEN_SOURCE$ */
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25 /* $XOPEN_SOURCE$ */
26 static char ROS_id [] = "0@!$SPECIFIC: $XOPEN_SOURCE.c, v $ "
27
28 /*$DATE: 1997/02/06 20:49:15 $ :*/
29 #endif
30
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25 /* $XOPEN_SOURCE$ */
26 static int G_debug = FALSE; /* Variable which will disable forking */
27 /* $XOPEN_SOURCE$ */
28 static char *commandlineargs; /* Pointer to command line args */
29
30 /*$DATE: 1997/02/06 20:49:15 $ :*/
31
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187

```
* Set the mask. Since no other threads have been started
* all threads will get this mask.
*/
void thr_setmask( SIGSETMASK, &actions.ad.mask, 1,
```

NULL);

Parse commandline

Thu Dec 27 11:23:05 2007

```

332 //*****
333 /**
334  * Routine: daemon_initialize_logging
335  * Inputs: None
336  * Outputs: None
337  */
338 /**
339  * Return Codes: None
340  */
341 /**
342  * Purpose: Do whatever it takes to initialize logging. In the near
343  * future this may involve doing something with catalogs or
344  * calling higher level logging functions which encapsulate
345  * these things.
346  */
347 /**
348  * Intended caller: internal only.
349  */
350 /**
351  */
352 /**
353  * void
354  * daemon_initialize_logging()
355  * {
356  *     /* Pass in argv[0], the program name */
357  *     (void) esl_log_init(commandlineargs[0]);
358  * }
359 */
360 /**
361  * Routine: daemonBecome_daemon
362  */
363 /**
364  * Inputs: None
365  * Outputs: None
366  */
367 /**
368  * Return Codes: exits with an error code if initialization fails
369  */
370 /**
371  * Purpose: This function is for doing the forking etc. under UNIX.
372  * It is unknown what will be necessary under NT.
373  */
374 /**
375  * Intended caller: internal only.
376  */
377 /**
378  * void
379  * daemonBecome_daemon()
380  */
381 /**
382  * char *pxr;
383  * int ret = 0;
384  */
385 /**
386  * /* Strip the path from the program name so we can use it
387  * elsewhere.
388  * */
389 /**
390  * ret = strchr(commandlineargs[0], '/');
391  * if (ret == NULL)
392  *     ret = commandlineargs[0];
393  */
394 /**
395  * /* Change directory to a process specific core directory */
396  * ret = eslCoreDir_Setup(pxr);
397  * if (ret != 0)
398  */
399 /**
400  * (void) EDMDispatch_LogOpen(FILE __FILE__, LINE __LINE__, LOG_ERR,
401  * MESSAGE __MESSAGE, BSR __BSR, IN __IN, EML __EML,
402  * eslCoreDir_Setup failed: <%d>,
403  * error);
404  */
405 /**
406  * /**
407  * This is now esl functionality.
408  * to make this a 'real' daemon by detaching from the terminal
409  * changing the process group, closing stdout, stderr, stdin,
410  */
411 /**
412  * if (g_debug == FALSE)
413  * {
414  *     ret = esl_daemon_startup();
415  *     if (ret != 0)
416  *     {
417  *         fprintf(stderr, "%s: failed to initialize as daemon, NT.\n",
418  *             commandlineargs[0]);
419  */

```



```

638 1      getrlimit(RLIMIT_NOFILE, &rtp);
639 1
640 1      (void) EMDISpatch_logent(
641 1          _FILE_<--> LINE_<--> LOG_INFO, MESSAGE_STARTUP, 0,
642 1          /*"Service allows to open files", rtp.rlim_max );
643 1
644 1      ret = EMDIScriptInit();
645 1
646 1      if (ret != 0)
647 1      {
648 1          (void) EMDISpatch_logent(
649 1              _FILE_<--> LINE_<--> LOG_INFO, 0, 0,
650 1              "Service Launcher failed returning - %d", ret);
651 1
652 1
653 1
654 1      /* Start the other threads in the daemon. The main thread
655 1      * becomes the REC thread. DaemonManager is the entry point
656 1      * for the data collection thread. DaemonCleanup is the
657 1      * entry point for the data migration thread.
658 1
659 1      /*primead_create(daemon_id, NULL, Dispatchmon_cow, NULL); */
660 1      primead_create(daemon_id, NULL, Dispatchmon_cow, NULL);
661 1      primead_create(daemon_id, NULL, DispatchBackground, NULL);
662 1      primead_create(daemon_id, NULL, DispatchBackground, NULL);
663 1
664 1
665 1
666 1      /****** daemon cleanup *****/
667 1      /**
668 1      *   ** Routines: daemon_cleanup
669 1      *   ** Inputs: None
670 1      *   ** Outputs: None
671 1      *   ** Return Codes: None
672 1      *   ** Purpose: Call function which will clean up daemon properly.
673 1      *   ** Intended caller: internal only.
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684 1
685 1      void
686 1      daemon_cleanup()
687 1      {
688 1          kill_handler( 0 );
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FreeSessInfoForService 5
(EMDIpatchservice.c)
sd_getservice 3
(EMDIpatchservice.c)
sd_getserviceonfor 4
(EMDIpatchservice.c)
sd_getserviceonfor 4
(EMDIpatchservice.c)
sd_initialize 2
(EMDIpatchservice.c)


```
/* Copyright 1996,1997 EMC Corporation
 */
EDMDISPATCHSERVICE.C
```

```

73  /*********************************************************************
74  ** Routine: dd_getservicestatus_1
75  ** Inputs: DD_getservicestatus_args * - args for the
76  **          getservicestatus call
77  **          DD_getservicestatus_args * - args for the
78  **          getservicestatus call
79  ** Outputs: None
80  **          DD_getservicestatus_args * - args for the
81  **          getservicestatus call
82  **          DD_getservicestatus_result * - result of status function
83  **          call
84  ** Purpose: Function to poll for status on a session.
85  **          DD_getservicestatus_result * - result of status function
86  **          call
87  **          DD_getservicestatus_result * - result of status function
88  */
89
90  DD_getservicestatus_result *
91  dd_getservicestatus_1(VOID
92  IN DD_getservicestatus_args *args, IN struct svc_req *req)
93  {
94  static DD_getservicestatus_result argsz;
95  SessionBlock *SessionBlock;
96
97  {
98  return &argsz;
99  }

```

```

100 /*********************************************************************
101 ** Routine: dd_getsessioninfo_1
102 ** Inputs: DD_getsessioninfo_1
103 **          DD_getservicestatus_args * - args for the
104 **          getservicestatus call
105 **          DD_getservicestatus_args * - args for the
106 **          getservicestatus call
107 **          DD_getservicestatus_args * - args for the
108 **          getservicestatus call
109 **          SessionBlock * - result of session info call
110 **          DD_getservicestatus_result * - result of session info call
111 **          DD_getservicestatus_result * - result of session info call
112 **          DD_getservicestatus_result * - result of session info call
113 **          DD_getservicestatus_result * - result of session info call
114  */
115
116
117 SessionBlock *
118 dd_getsessioninfo_1(VOID
119 IN DD_getservicestatus_args *args, IN struct svc_req *req)
120 {
121 static SessionBlock argsz;
122 static boolean_t first = TRUE;
123 if(first)
124 {
125 enum{0,1} sizeof(argsz);
126 first = FALSE;
127 }
128 else
129 {
130 FreeSessionInfo(&argsz.sess);
131 argsz.sess = NULL;
132 }
133
134 GetSessionInfo(args, &argsz);
135
136 return &argsz;
137
138 }

```

FreeSessionInfo

Page 5 of 8

```

139 //*****
140 /**
141  *  Routin:  FreeSessionInfo
142  *
143  *  Inputs:  SessionInfo * - arg to free
144  *
145  *  Outputs:  None
146  *
147  *  Return Codes:
148  *
149  *  None
150  */
151  */
152  */
153  */
154  */
155  */
156  */
157  */
158  */
159  */
160  */
161  */
162  */
163  */
164  */
165  */

```

